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Title GDP-FUCQSE SYNTHETASE FROM E. COLL N mmCIf Z

B POBNI/XML gz Authors Somers, W.S., Stahl, M.L., Sullivan, F.X. Display Files

Mart - Convert Information

Somers, W.S., Stahl, M.L., Sullivan, F.X. (1998) GDP-fucose synthetase from Escherichia coli: structure of a unique member of the short-chain dehydrogense/reductase family that catalyzes two distinct reactions at the same active site. Structure 6: 1601-1612. Display Molecule 15 Structural Reports Primary Citation [Abstract] 🙂

F Structure Analysis History Deposition 1998-08-17 Recess 1999-08-17

Experimental Method Type X-RAY DIFFRACTION Date N/A

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GDP-FUCOSE SYNTHETASE (IGFS:A)

Length (A) Unit Cell

Description Polymer 1 Molecule GDP-FUCOSE SYNTHETASE Chains A Asymmetric Unit Classification Oxidoreductase Source Polymer 1 Scientific Name Escherichia coli 🤲 Expression system Escherichia coli SCOP Classification GDP-4-kein 6 denxy d mannosa epimerase/reductase Esche (GDP- fucosu synthelaso) CATH Topning/ Classification NAD(P)-bind Rossmann-li Alpha Beta 3-Laver(aba) Sanctivich Rossmanu fold (version v3 1.0) UDP-galactose 4 UDP-galactor spandrase, u Alpha Beta Alpha-Beta Complex PFAM Chase PFAM Accession PEAM ID Description Clan ID Classification A PF01370 Framerase NAD dependent comerase/dehydratase family NADP, Rossm Femily

catalytic activity
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Biological Process

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